

1 GTGAGATGGT GCTTTCATGA ATTCCCCCAA CAAGAGCCAA GCTCTCCATC 50
51 TAGTGGACAG GGAAGCTAGC AGCAAACCTT CCCTTCACTA CGAAACTTCA 100
101 TTGCTTGGCC CAAAAGAGAG TTAATTCAAT GTAGACATCT ATGTAGGCAA 150
151 TTAAAAACCT ATTGATGTAT AAAACAGTTT GCATTCATGG AGGGCAACTA 200
201 AATACATTCT AGGACTTTAT AAAAGATCAC TTTTATTTA TGCACAGGGT 250
251 GGAACAAGAT GGATTATCAA GTGTCAAGTC CAATCTATGA CATCAATTAT 300
M D Y Q V S S P I Y D I N Y
301 TATACATCGG AGCCCTGCCA AAAAATCAAT GTGAAGCAAA TCGCAGCCCG 350
Y T S E P C Q K I N V K Q I A A R
351 CCTCCTGCCT CCGCTCTACT CACTGGTGTT CATCTTTGGT TTTGTGGGCA 400
L L P P L Y S L V F I F G F V G
401 ACATGCTGGT CATCCTCATC CTGATAAACT GCAAAAGGCT GAAGAGCATG 450
N M L V I L I L I N C K R L K S M
451 ACTGACATCT ACCTGCTCAA CCTGGCCATC TCTGACCTGT TTTTCCTTCT 500
T D I Y L L N L A I S D L F F L L
501 TACTGTCCCC TTCTGGGCTC ACTATGCTGC CGCCCAGTGG GACTTTGGAA 550
T V P F W A H Y A A A Q W D F G
551 ATACAATGTG TCAACTCTTG ACAGGGCTCT ATTTTATAGG CTTCTTCTCT 600
N T M C Q L L T G L Y F I G F F S
601 GGAATCTTCT TCATCATCCT CCTGACAATC GATAGGTACC TGGCTGTCGT 650
G I F F I I L L T I D R Y L A V V

FIG. 1A

651 CCATGCTGTG TTTGCTTTAA AAGCCAGGAC GGTACACCTTT GGGGTGGTGA 700
 H A V F A L K A R T V T F G V V

701 CAAGTGTGAT CACTTGGGTG GTGGCTGTGT TTGCGTCTCT CCCAGGAATC 750
 T S V I T W V V A V F A S L P G I

751 ATCTTTACCA GATCTCAAAA AGAAGGTCTT CATTACACCT GCAGCTCTCA 800
 I F T R S Q K E G L H Y T C S S H

801 TTTTCCATAC AGTCAGTATC AATTCTGGAA GAATTTCAG ACATTAAAGA 850
 F P Y S Q Y Q F W K N F Q T L K

851 TAGTCATCTT GGGGCTGGTC CTGCCGCTGC TTGTCATGGT CATCTGCTAC 900
 I V I L G L V L P L L V M V I C Y

901 TCGGGAATCC TAAAACTCT GCTTCGGTGT CGAAATGAGA AGAAGAGGCA 950
 S G I L K T L L R C R N E K K R H

951 CAGGGCTGTG AGGCTTATCT TCACCATCAT GATTGTTTAT TTTCTCTTCT 1000
 R A V R L I F T I M I V Y F L F

1001 GGGCTCCCTA CAACATTGTC CTTCTCCTGA ACACCTTCCA GGAATTCTTT 1050
 W A P Y N I V L L L N T F Q E F F

1051 GGCCTGAATA ATTGCAGTAG CTCTAACAGG TTGGACCAAG CTATGCAGGT 1100
 G L N N C S S S N R L D Q A M Q V

1101 GACAGAGACT CTTGGGATGA CGCACTGCTG CATCAACCCC ATCATCTATG 1150
 T E T L G M T H C C I N P I I Y

1151 CCTTTGTCGG GGAGAAGTTC AGAAACTACC TCTTAGTCTT CTTCCAAAAG 1200
 A F V G E K F R N Y L L V F F Q K

FIG. 1B

1201 CACATTGCCA AACGCTTCTG CAAATGCTGT TCTATTTTCC AGCAAGAGGC 1250
H I A K R F C K C C S I F Q Q E A

1251 TCCCGAGCGA GCAAGCTCAG TTTACACCCG ATCCACTGAG GAGCAGGAAA 1300
P E R A S S V Y T R S T E E Q E

1301 TATCTGTGGG CTTGTGACAC GGACTCAAGT GGGCTGGTGA CCCAGTCAGA 1350
I S V G L *

1351 GTTGTGCACA TGGCTTAGTT TTCATACACA GCCTGGGCTG GGGGTGGGGT 1400

1401 GGAAGAGGTC TTTT 1414

FIG. 1C

